

IMPORTANT RESULTS SHOWN IN COAL-TESTING PLANT OF GOVERNMENT; THE SOLE SURVIVOR OF THE MINING GULCH OF THE WORLD'S FAIR.



GOVERNMENT FUEL EXPERT AND HIS ASSISTANTS.

Left to right: J. E. Mills, chemist of Briquette plant; A. A. Steel, briquette engineer, behind him is J. D. Wich, superintendent of the coal washer; F. E. McCallip, accountant; C. O. Nordensson, gas producer engineer; J. A. Holmes, fuel testing expert in charge; A. W. Belden, coke engineer; E. E. Sommereder, chief chemist.

Railroad Presidents, Operators, Proprietors of Great Manufacturing Concerns and Miners Arriving in St. Louis Daily and Spend Hours Watching the Work Being Conducted There by Scientists—Few Who Have Seen Establishment in Heart of Forest Park Know Whence It Came or Why It Exists.

"A prophet is not without honor save in his own country." This rather sad commentary on human nature is strikingly true of the coal-testing plant of the United States Geological Survey, in the center of Forest Park.

Railroad presidents, mining operators, proprietors of great manufacturing concerns, engineers and representatives of coal mines, are arriving in St. Louis daily and spending hours at the plant, which is the sole survivor of the Mining Gulch of the Louisiana Purchase Exposition.

In the meantime, the fashionable equipages of the pleasure worker and the automobile whizz past along the shady drive which passes the doors of the establishment without an inquiry as to what means the dingy of the engine and the presence of the scholarly band of men who are attached to the institution.

The testing plant is the one survivor of the World's Fair, which is still in active, bustling existence and there are exhibits now open to the view of the public and operations daily in progress such as were carried on during the Exposition, and which formed one of the most instructive of the outdoor features of the big show.

Its appearance is not the most attractive in the world and this fact is largely responsible for the neglect which has been given to the place by a majority of the St. Louis public. Right in the heart of Forest Park and land by the path of the central park drive, especially those who make the journey to the former site of the World's Fair, it is one of the most striking objects to be seen, yet few of those who have seen the establishment know whence it came or why it exists.

NEAR STATION 12.
It is built at the intersection of Constitution

the mysteries of the coal beds of the continent have hung up their heads and the coal displays, which were the marked features of the very heart of the Exposition, have been removed.

AUTHORITY BY CONGRESS.
The plant itself is not large, but of sufficient size to house the most complete equipment of coal experimental apparatus which has ever been assembled. Many of the leading manufacturers of machinery in the United States sent contributions to the plant, which is exhibited during the Exposition, the machinery in individual displays attracted much attention.

The object of the station, as stated in the congressional enactment, is to analyze and test the coal and lignite of the United States, to determine their fuel values and the most economic method for their utilization for different purposes. The provision was made that all testing machinery and all coals and lignites should be contributed without cost to the government.

This provision was fully complied with and the government further appropriated \$200,000 for the work at the experiment station, making \$200,000 in all.

Already the sum expended by Congress has been repaid many times to the people in the actual results which have been accomplished.

It had been expected by the committee to whom was given charge of the work, that the station would be in operation during the full Exposition period. It was very difficult to equip an ideal testing plant in the time period of time between the granting of the appropriation and the opening of the Fair. The assembling of the equipment under the terms of the congressional proviso was found difficult and finally a strike in the works of the company which was furnishing a considerable quantity of the apparatus necessary delayed matters until late in the summer of 1904, when the station was opened to the public.

Mr. John Breanan, 325 Polson ave., St. Louis, was cured of deafness two years ago and the cure is still permanent.

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INTEREST SINCE FAIR'S END.
This was tested during the World's Fair, or between September and November. Since the closing of the gates, the station

GAS PLANT.
Where coal tests of vast importance are in progress. The upright tank in building at left is the producer; small building in center contains machine for extracting the tar; next is the purifier, and last is storage tank.

When tested in the gas producer and gas engine, have shown unexpectedly high power-producing qualities, such as produce large future developments in those and other States.

Some of the American coals, and the "black" produced in mining these coals, can be brought into a commercial basis.

The value of the results of these investigations may influence the affairs of the nation as a whole, not limited to the coal-producing sections of the country, but extending through every State and Territory where coal is mined; but in the year 1904 the steam power produced through the combustion of coal and used for manufacturing purposes, the development of the power through the more efficient methods of these investigations would mean a saving to the manufacturers in those States of \$10,000,000 to \$20,000,000 per annum.

As another illustration of the way these investigations may influence the affairs of the nation as a whole, it may be stated that there are in the coal fields of the United States in 1904 approximately 50,000 tons of coal, costing \$2,000,000. If the future gas producer and gas engine, and other mineral fuels used in the United States during 1904 the cost of the coal would be not less than \$1,000,000 a year, or what would be a fall in the cost of coal would be more than doubled.

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THEIR JOKE WILL BUILD A HOME

Eight Pennies Given for Mr. Houck's Hair Cut the Nucleus for a Growing Fund.

REPUBLIC SPECIAL.
Sheldon, Ia., July 15.—Eight cents contributed as a joke to build a Sheldon traveling man a hair cut at St. Louis City, Ia., four years ago, formed the nucleus for a fund which will build a national home for the widows and orphans of the knights of the grip.

The building will be erected in Iowa, inasmuch as the national body traveled upon the State of Iowa in recognition of the planning and promotion of the original scheme. Several cities of the State are clamoring for the location of the home, and at the coming meeting of the order this will be decided.

It has been decided to spend at least \$5000 for the establishment of this national home, and the traveling man of the national association, it will be the pride of every traveling man in the nation.

F. W. Houck of Sheldon is the traveling man for whom the original eight pennies were subscribed.

Houck struck St. Louis City four years ago with a trunk of hair and a pocket and a penny in his hand. The fellow traveling man learned of his predicament early in the morning and for a joke and for the purpose of having some fun at his expense, spread the rumor around at the various hotels that the driver and his trunk had found himself unable to obtain money for his trunk.

To add to his predicament members of the order suggested that a penny collection be subscribed at the morning session of the State meeting to buy the trunk and find a hair cut.

Eight cents were contributed, and Houck refused to accept the money and the sum was turned over to the secretary.

Mr. Houck guarded the 8 cents all through the year and at the next State meeting held particular stress in his annual report about the 8 cents "Houck" fund. He said he was going to have a traveling man, told the members of the order, in convention assembled, that the 8 cents was not enough for a hair cut, and suggested another collection be taken at once. This was done, and with the 8 cents and the new pennies were added to the Houck fund.

Secretary Olinstead carefully guarded the 8 cents until the next State meeting, twelve months, and then, at the annual meeting of Cedar Rapids last year, the money was turned over to the Houck fund. It was suggested that the money be used for some good purpose, a bank of a fund for the traveling man, and the Houck fund was adopted to the effect that a delegation be sent to the national meeting asking that a national home be built in Iowa.

RENTS ADVANCED. THEY MOVE AS STORM RAGES.
Tenants Are Dispossessed When They Refuse to Accept Landlord's New Schedule.

REPUBLIC SPECIAL.
New York, July 15.—In the height of a storm several of thirty families living in a tenement house owned by Samuel Cohen at Nos. 139 and 141 Crook street, who were forced to move because of an increase in their rents, started to move their household effects. Dispossessed notices had been served on the tenants, and they refused to accept the new schedule of prices.

When the notices were served the tenants protested that they regarded as the efforts of Cohen to drive them into the street before they could find another home, and they replied with a firm declaration that they would remain when they got ready to go. They were not to be driven out of their homes, and the matter was referred to the police.

Samuel Gredinsky, standing on the veranda of No. 139 Crook street, spoke for the ten.

"There will be ten of us left," he said, "and here we will stay until Cohen has raised a few dollars more. We will not be driven out of our homes. We will stay here until we are satisfied to remain at the old prices, but Cohen says that he will stick to his new schedule. There will be no trouble. Nobody is going to make himself ill to the law."

Killed After 26 Years' Work.
REPUBLIC SPECIAL.
Wilkesbarre, Pa., July 15.—Patrick O'Rourke, the oldest steam engine employed on

STARTLING CUT IN PIANO PRICES

Kieselhorst Piano Co. Forced to Vacate Their Building, Which Is to Be Torn Down August 1st, and Modern Structure Erected.

OTHER LOCATION NOT READY FOR OCCUPANCY

More Than One Hundred and Fifty Pianos, Including Many of the World's Most Famous Makes, Will Be Offered at Enormous Price Sacrifice for Ten Days Only.

BIG SALE BEGINS AT 8:30 SHARP MONDAY MORNING

Easy Terms, From \$2.00 Per Month Up to \$5 and \$8, or As Much More As You Desire to Pay, Will Be Acceptable. We Must Have All Stock Out of This Store by August 1st. Come and Get One on Your Own Terms. Open Evenings. 94 Olive Street.

If you are looking for a piano bargain; if you have been wanting one of the high-grade or best medium-priced pianos, and have put off buying on account of price, or for other reasons, you are going to have during the next few days the best opportunity you will ever have to gratify your wishes, and at a price and on terms you never dreamed of securing.

St. Louis, Mo., June 30, 1905.
Kieselhorst Piano Co., E. A. Kieselhorst, President.
You are hereby notified and required to surrender and deliver up to me the quiet and peaceful possession of the premises you now occupy, being the store, basement and upper floors known as No. 94 Olive street, in the city of St. Louis, State of Missouri, and to remove therefrom on the thirty-first day of July, 1905, according to law, it being my intention to terminate the tenancy.

(Signed) ASHLAND REALTY CO.
By W. J. Holbrook, President.
The above notice explains itself. It came as a great surprise, like a clap of thunder, to the piano world, for the piano store on this building has been in operation for more than a month since April, and while we also knew that this building was to be torn down and a modern structure erected, yet we were of the opinion that nothing would be done before next spring.

The reader of this will fully realize the predicament this places us in, our unpreparedness to move, our lack of arrangements for other quarters, either temporary or permanent, etc., etc. It simply forces us to close out our stock in the few remaining days we have in this building.

NEW QUARTERS LEASED, BUT NOT READY.
Now we set to work immediately to secure new quarters, and we consider ourselves fortunate in securing a long-term lease on the five-story building at 107 Olive street, but before we can occupy it fifteen thousand dollars in repairs must be expended to make it suitable for our business, and this will consume more than a month's time.

Therefore, compelled to vacate present quarters, 94 Olive street, by August 1st, unable to secure temporary quarters, unwilling to store these goods for months, and with a stock of pianos in a deplorable condition, a loss staring us in the face, no matter which way we turn, we have decided to take our loss in the loss of profit and give it to the purchasing public, rather than in damaged goods.

Beginning Monday morning at 8:30 sharp we will offer this entire stock of pianos, organs, piano players, store and office fixtures, at the most remarkable discounts ever made in this country.

STOCK COMPRISES BEST MAKES.
At no time during our long business career in this city have we been able to offer such an array of good makes as at the present, for here you will find the Kimball, Hallett & Davis, Becker & Son, Steinway, Fischer, Chickering, Halles Bros. Vose, Gable, Robert M. Cable, and other pianos, practically all of them new, some used or shopworn a little and priced accordingly.

The D. & H. R. R. was killed after twenty-eight years of work without an accident. He was struck by a train near the roundhouse in this city and so badly injured that he died in a few hours.

STALLED BEFORE FAST TRAIN.
Crowded Street Car Within Ten Feet of Collision.

REPUBLIC SPECIAL.
New York, July 15.—When a heavily loaded trolley car of the Orange and Passaic Valley Railway was crossing the tracks of the Lackawanna Railroad in Cone street, Orange, the power gave out and the car stopped. At the same moment the Morristown Express, which runs at forty miles an hour there appeared.

Only the signal of a gateman named Mulvihill, standing on the roof of the express to stop his locomotive ten feet from the stalled car.

REPUBLIC SPECIAL.
New York, July 15.—Three shipwrecked young men were rescued off the Connecticut bathing beach, Coney Island, by Puller, a life saver, and Mr. Harrington, one of the inmates of the bathhouse. They were helpless in a disabled naphtha launch which had broken down between Norton's Point and Dreamland.

Two of the men were ill and the third, named Nutting, was about to give up from exhaustion. The name given by one of the men was John J. Nutting, and his two friends, who live at Arlington, N. J., had hired the launch at Newark and had sailed through Newark Bay and around Staten Island for Coney Island. When off Norton's Point the machinery got out of order. It was repaired, but when within half a mile of Coney Island the boat again went out of commission.

RESCUE THREE FROM LAUNCH.
Two of Shipwrecked Men Were Ill and Third Exhausted.

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PLAIN FIGURES, ONE PRICE TO ALL.
Every instrument will be marked in plain figures, and the tag will plainly indicate the great saving on each. One price only to everybody, the price marked. Space will not permit an adequate description of the many great bargains. A visit of inspection and investigation is necessary to understand and fully appreciate what this sale means to you, of the money-saving possibilities here presented, or to see the pianos in person.

There are upright pianos here worth in the regular way \$250 to \$500, to close out at \$50, \$125 to \$150.

Terms:—A little money down, balance can be paid at \$5 to \$7 per month. We offer a number of standard grade upright pianos, worth \$250, \$300 and \$350, in English oak, mahogany and walnut cases, most of them new, a few slightly worn. Sale prices \$175, \$225, \$250 to \$275.

Terms:—\$5 to \$25 down, balance at \$5 to \$7 monthly. The prices we quote here are based on cash, no difference being made between cash and our easy-payment plan except a small rate of interest on deferred payments.

High-grade uprights, in plain colonial or fancy cases, worth regularly \$400 to \$500, sale prices \$250, \$300 to \$350. Terms:—A small payment down, balance at \$7 to \$8 per month.

Other high-grade uprights, the very finest products of their several makers, in fancy case designs, the kind that always sells at \$575, \$600 to \$650, to close them out we offer them at \$350, \$375 to \$400, and slightly higher for the very elaborate ones. Here is a chance to secure one of the world's most famous makes at even less money than the ordinary kind at \$500.

Terms:—A little money down, balance at \$5 to \$6 monthly.

OUT-OF-TOWN PEOPLE SHOULD COME.
People can afford to come a long way to attend this sale. No one should miss this opportunity if a piano is needed now or within the next two or three years. We will send pianos anywhere to be paid for on our easy-payment plan.

If you can't call don't fail to write us immediately for list of bargains or send St. Louis friend to select. If selection is left with us we guarantee a bargain and full satisfaction or it's no trade.

INSTRUMENTS FOR BEGINNERS.
Used uprights, rebuilt and in the condition, \$50, \$75, \$100 and \$125. Terms:—A small payment down, \$5 to \$6 monthly. Then here are quite a number of fine square grand pianos at practically your own price and terms. Come and get one. We won't permit them to our new store.

As the reduction on everything is so great, we are sure these bargains will be eagerly snapped up. An early call is advisable to secure choice selection. Store open evenings during sale.

ORGANS TO GIVE AWAY.
All we will charge you for a number of organs is the cost of repairs.

KIESELHORST PIANO CO.,
Established 1879. 94 Olive St.
Open Evenings.

ONLY \$10 PER A CURE.

Dr. Powell Makes a Nominal Fee for the Crows of People Who Are Seeking His Service—All Persons Applying Before August 1 Will Be Treated for \$10 Until Cured. Medicine Included—This Does Not Mean \$10 a Month, but \$10 for a Complete Cure—No Further Charges Will Be Made—Every Case Accepted This Month Under a Positive Guarantee to Cure or Money Refunded.

DR. POWELL'S JULY OFFER.

Dr. Powell will agree to treat all persons applying at his office before August 1 for the nominal sum of \$10 until cured. That is, \$10 covers the entire cost of a cure, medicine included, and no further fee will be asked.

No further cure, if the patient is not completely cured in a specified length of time, to return the money paid without any quibbling or evasion.

Dr. Powell wishes to make it emphatic that this offer expires on the 31st day of July, and in order to get the benefit of it treatment must be commenced on or before that date. It is important to call as early as possible in order to avoid the rush that will necessarily occur during the close of this phenomenal offer.

If you suffer from Catarrh, Rheumatism, Stomach, Liver or Kidney Diseases, or any other chronic ailments, this is your opportunity to be cured for this. If not cured, your money back.

ONLY TWO WEEKS MORE.

ELECTRICITY Cures deafness and restores all the hearing power of the ear. A mild current is passed through the ears, relieving all inflammation, removing all swollen and thickened conditions of the ear drums. It also acts as a great nerve tonic, and cures every nerve disease to a healthy condition.

Dr. Powell wishes to emphasize the fact that all chronic diseases yield to treatment much more rapidly during the summer. For this reason he makes this special offer at this time. Read the testimonials below and begin treatment at once. Write for Home Treatment symptom blanks and book of testimonials.

CURES THAT ARE PERMANENT.

Mr. John Pollack, 224 Polson ave., St. Louis, was cured of deafness in one month by Dr. Powell's Electric Medicated Treatment.

Mr. John Breanan, 325 Polson ave., St. Louis, was cured of deafness two years ago and the cure is still permanent.

Mr. Samuel Hurst, 421 West Bell place, was cured of deafness and treatment of a bad case of bronchitis and catarrh. This was more than a year ago and as yet feels no returning symptoms whatsoever.

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Office hours—9 a. m. to 6 p. m. daily; Wednesday and Saturday 7 to 9 p. m.; Sunday 10 to 12.

POWELL MEDICAL INSTITUTE, 201 Old Fellows Building, Ninth and Olive Sts., ST. LOUIS, MO.